

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---|------------------|---------|---------------------|
| L2 | 1 | (10/560032).APP. | US-PGPUB; USPAT | OR | OFF | 2010/03/27 13:51 |
| L3 | 731 | parasitic near resonance | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 15:16 |
| L4 | 51 | 3 ultras\$7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 15:16 |
| L5 | 20234 | (hole or open\$3) with piezoelectric | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 15:18 |
| L6 | 12 | 3 5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 15:18 |
| L7 | 1196 | (upper with electrode) same (lower with electrode) same 5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 15:31 |
| L8 | 192 | 7 ultraso\$7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 15:32 |
| L9 | 9 | 8 skin | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 15:32 |

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| L10 | 1 | (ring with piezoelectric) 3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 15:38 |
| L11 | 1568 | parasitic near3 resonance | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 15:40 |
| L12 | 3 | (ring with piezoelectric) 11 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 15:40 |
| L13 | 107 | (upper with electrode) same (lower with electrode) same (ring with piezoelectric) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 15:44 |
| L14 | 27 | 13 ultraso\$7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 15:45 |
| L15 | 12 | ("20010041856" "20020055702" "4372296" "4787888" "5267985" "5383848" "5445611" "5722397" "6066123" "6183426" "6350459").PN. OR ("7001355").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2010/03/27 15:49 |
| L16 | 10 | ("20010041856" "20020055702" "20030190336" "20030229283" "20040010222" "20050154239" "4494548" "5460179" "5722397" "7001355").PN. OR ("7575552").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2010/03/27 15:50 |
| L17 | 9498 | (upper with electrode) same (lower with electrode) same (piezoelectric) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 15:53 |

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| L18 | 1544 | 17 ultraso\$7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 15:53 |
| L19 | 56 | 18 skin | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 15:53 |
| L20 | 1546 | (ring with piezoelectric) same electrode | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 16:14 |
| L21 | 544 | 20 ultraso\$7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 16:14 |
| L22 | 85 | 21 (electrode with upper) (electrode with lower) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 16:14 |
| L23 | 1284 | (601/2).CCLS. | US-PGPUB; USPAT | OR | OFF | 2010/03/27 17:32 |
| L24 | 13 | 20 23 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 17:33 |
| L25 | 1064 | (310/311).CCLS. | US-PGPUB; USPAT | OR | OFF | 2010/03/27 17:41 |
| L26 | 15 | 25 20 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 17:42 |
| L27 | 979 | (ring with transducer) same electrode | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 17:47 |

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| L28 | 185 | (ring with transducer) (electrode with upper) (electrode with lower) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 17:47 |
| L29 | 102 | 28 ultraso\$7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 17:47 |
| L30 | 93 | (ring with transducer) (electrode near3 upper) (electrode near3 lower) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 17:48 |
| L31 | 56 | 30 ultraso\$7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 17:49 |
| L32 | 49 | (ring with transducer) (electrode near upper) (electrode near lower) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 17:49 |
| L33 | 27 | 32 ultraso\$7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 17:49 |
| L34 | 5331 | (piezoelectric) same (electrode near upper) same (electrode near lower) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 17:56 |
| L35 | 718 | 34 ultraso\$7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 17:56 |
| L36 | 25 | 35 (23 or 25) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 17:56 |

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| L37 | 1546 | (ring with piezoelectric) same electrode | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 18:08 |
| L38 | 12 | ((donut or toroid or toroidal) with piezoelectric) (upper near electrode) (lower near electrode) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 18:10 |
| L39 | 2472 | (upper near electrode) (lower near electrode) ultraso\$7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 18:13 |
| L40 | 1556 | 39 (ring or toroid or toroidal or hole) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 18:13 |
| L41 | 601 | 40 piezoelectric | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 18:14 |
| L42 | 315 | 39 ((ring or toroid or toroidal or hole) same piezoelectric) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 18:14 |
| L43 | 102 | 3 piezoelectric | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 18:24 |
| L44 | 11 | 3 ((ring or toroid or toroidal or hole) same piezoelectric) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 18:24 |
| L45 | 3 | "7307372" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/27 18:32 |

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| L46 | 1 | ("5,685,311").PN. | US-PGPUB; USPAT | OR | OFF | 2010/03/27 18:36 |
| L47 | 1 | ("4,562,900").PN. | US-PGPUB; USPAT | OR | OFF | 2010/03/27 18:39 |
| S1 | 477215 | ultraso\$7 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/26 18:34 |
| S2 | 135385 | horn | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/26 18:34 |
| S3 | 730012 | skin | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/26 18:41 |
| S4 | 23 | electrically near equivalent near impedance | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/26 18:47 |
| S5 | 6409 | load with S3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/26 18:48 |
| S6 | 11287 | S1 same S3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/26 18:48 |
| S7 | 20 | S6 S2 S5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2010/03/26 18:48 |
| S8 | 1 | ("6183426").PN. | US-PGPUB; USPAT | OR | OFF | 2010/03/26 18:53 |
| S9 | 1 | ("6576875").PN. | US-PGPUB; USPAT | OR | OFF | 2010/03/26 18:57 |

EAST Search History (Interference)

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